

**In the Claims:**

Please cancel claim 1 without prejudice and amend claims 2 to 14 as follows:

Claim 1.(canceled)

2.(currently amended) An aluminum-free borosilicate glass with chemical resistance and having as defined in claim 1, characterized by a composition, in percent by weight, based on oxide content, of:

SiO <sub>2</sub>	67 - 75
B <sub>2</sub> O <sub>3</sub>	9 - 18
Li <sub>2</sub> O	0 - 1
Na <sub>2</sub> O	0 - 3
K <sub>2</sub> O	5 - 10
with Li <sub>2</sub> O + Na <sub>2</sub> O + K <sub>2</sub> O	5.5 - 13.5
CaO	0 - 1
BaO	0 - 1
ZnO	0 - 1
TiO <sub>2</sub>	0 - 1
ZrO <sub>2</sub>	0.8 - 10.5
CeO <sub>2</sub>	0 - 0.4
F <sup>-</sup>	0 - 0.6

and optionally at least one refining agent in a standard amount for refining.

3.(currently amended) ~~The aluminum-free~~ Aluminum-free borosilicate glass as defined in claim 2[[1]], characterized by a composition, in percent by weight, based on oxide content, of:

SiO <sub>2</sub>	68 - 74
B <sub>2</sub> O <sub>3</sub>	9 - 13
Li <sub>2</sub> O	0 - 1
Na <sub>2</sub> O	0 - 3
K <sub>2</sub> O	5 - 10
with Li <sub>2</sub> O + Na <sub>2</sub> O + K <sub>2</sub> O	5.5 - 13.5
ZrO <sub>2</sub>	3 - 7
CeO <sub>2</sub>	0 - 0.4
F <sup>-</sup>	0 - 0.6

and optionally at least one refining agent in a standard amount for refining.

4.(currently amended) ~~The aluminum-free~~ Aluminum-free borosilicate glass as defined in claim 2[[1]], characterized by a composition, in percent by weight, based on oxide content, of:

SiO <sub>2</sub>	71 - 74
B <sub>2</sub> O <sub>3</sub>	9 - 12
Li <sub>2</sub> O	0 - 1
Na <sub>2</sub> O	0 - 3
K <sub>2</sub> O	7 - 10
with Li <sub>2</sub> O + Na <sub>2</sub> O + K <sub>2</sub> O	7 - 13.5

ZrO<sub>2</sub> 4 - 7,

and optionally at least one refining agent in a standard amount for refining.

5.(currently amended) The aluminum-free ~~Aluminum-free~~ borosilicate glass as defined in claim 2[[1]], characterized by a composition, in percent by weight, based on oxide content, of:

SiO<sub>2</sub> 68 - 71

B<sub>2</sub>O<sub>3</sub> 9[[8]] - 11

Li<sub>2</sub>O 0 - 1

Na<sub>2</sub>O 0 - 3

K<sub>2</sub>O 8 - 10[[11]]

with Li<sub>2</sub>O + Na<sub>2</sub>O + K<sub>2</sub>O 8 - 13.5

ZrO<sub>2</sub> 7.5 - 10.5

and optionally at least one refining agent in a standard amount for refining.

6.(currently amended) The aluminum-free ~~Aluminum-free~~ borosilicate glass as defined in claim 2[[1]], characterized by a composition, in percent by weight, based on oxide content, of:

SiO<sub>2</sub> 70 - 75

B<sub>2</sub>O<sub>3</sub> 15 - 18

Li<sub>2</sub>O 0 - 1

Na<sub>2</sub>O 0 - 3

K<sub>2</sub>O 5 - 8

with  $\text{Li}_2\text{O} + \text{Na}_2\text{O} + \text{K}_2\text{O}$  5.5 - 10.5

$\text{CaO}$  0 - 1

$\text{BaO}$  0 - 1

$\text{TiO}_2$  0 - 1

$\text{ZrO}_2$  0.8 - 5

and optionally at least one refining agent in a standard amount for refining.

7.(currently amended) ~~The aluminum-free~~ Aluminum-free borosilicate glass as defined in claim 2[[1]], characterized by a composition, in percent by weight, based on oxide content, of:

$\text{SiO}_2$  67 - 70

$\text{B}_2\text{O}_3$  15 - 18

$\text{Li}_2\text{O}$  0 - 1

$\text{Na}_2\text{O}$  0 - 3

$\text{K}_2\text{O}$  7 - 10

with  $\text{Li}_2\text{O} + \text{Na}_2\text{O} + \text{K}_2\text{O}$  7 - 12.5

$\text{ZnO}$  0 - 1

$\text{ZrO}_2$  2.5 - 6

and optionally at least one refining agent in a standard amount for refining.

8.(currently amended) ~~The aluminum-free~~ Aluminum-free borosilicate glass as defined in claim 2[[1]], characterized by a composition, in percent by weight, based on oxide content, of:

SiO <sub>2</sub>	74 – <del>75</del> [[78]]
B <sub>2</sub> O <sub>3</sub>	12 - 15
Li <sub>2</sub> O	0 - 1
Na <sub>2</sub> O	0 - 3
K <sub>2</sub> O	<del>5</del> [[3]] - 8
with Li <sub>2</sub> O + Na <sub>2</sub> O + K <sub>2</sub> O	<del>5.5</del> [[3]] - 11
ZnO	0 - 1
ZrO <sub>2</sub>	2.5 - 7

and optionally at least one refining agent in a standard amount for refining.

9.(currently amended) The aluminum-free ~~Aluminum-free~~ borosilicate glass as defined in claim 2[[1]], and containing at least 0.2 percent by weight of said Li<sub>2</sub>O.

10.(currently amended) The aluminum-free ~~Aluminum-free~~ borosilicate glass as defined in claim 2[[1]], and containing at least 0.3 percent by weight of said Na<sub>2</sub>O.

11.(currently amended) The aluminum-free ~~Aluminum-free~~ borosilicate glass as defined in claim 2[[1]], and containing at least 0.5 percent by weight of said Na<sub>2</sub>O.

12.(currently amended) ~~The aluminum-free~~ Aluminum-free borosilicate glass as defined in claim 2[[1]], and containing at least 0.2 percent by weight of said  $\text{Li}_2\text{O}$  and at least 0.3 percent by weight of said  $\text{Na}_2\text{O}$ .

13.(currently amended) ~~The aluminum-free~~ Aluminum-free borosilicate glass as defined in claim 2[[1]], free of  $\text{As}_2\text{O}_3$  and  $\text{Sb}_2\text{O}_3$  apart from inevitable impurities thereof.

14.(currently amended) ~~The aluminum-free~~ Aluminum-free borosilicate glass as defined in claim 2[[1]], having a coefficient of thermal expansion  $\alpha$  ( $20^\circ\text{C}$ ;  $300^\circ\text{C}$ ) of between  $3.0 \times 10^{-6}/\text{K}$  and  $6 \times 10^{-6}/\text{K}$  and a working point  $V_A$  of between  $990^\circ\text{C}$  and  $1290^\circ\text{C}$ .

Claims 15 to 21.(canceled).